Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims.

1-24. Canceled

25. (New) An isolated antibody or fragment thereof that specifically binds to a protein selected from the group consisting of:

(a) amino acids 34 to 766 of SEQ ID NO:35;

(b) amino acids 1 to 766 of SEQ ID NO:35;

(c) a mature portion of the HCE3C63 protein encoded by the HCE3C63 cDNA contained in ATCC Deposit No. PTA-909; and,

(d) the full length HCE3C63 protein encoded by the HCE3C63 cDNA contained in ATCC Deposit No. PTA-909.

26. (New) The antibody or fragment thereof of claim 25 that specifically binds protein (a).

27. (New) The antibody or fragment thereof of claim 25 that specifically binds protein (b).

28. (New) The antibody or fragment thereof of claim 25 that specifically binds protein (c).

29. (New) The antibody or fragment thereof of claim 25 that specifically binds protein (d).

30. (New) The antibody or fragment thereof of claim 26 that specifically binds protein (b).

31. (New) The antibody or fragment thereof of claim 27, wherein said antibody or fragment thereof is a human antibody.

32. (New) The antibody or fragment thereof of claim 27, wherein said antibody or fragment thereof is a polyclonal antibody.

33. (New) The antibody or fragment thereof of claim 27, wherein said antibody or fragment thereof is a monoclonal antibody.

34. (New) The antibody or fragment thereof of claim 27 which is selected from the group consisting of:

(a) a chimeric antibody;

(b) a humanized antibody;

(c) a single chain antibody; and,

(d) a Fab fragment.

35. (New) The antibody or fragment thereof of claim 27, wherein said antibody or fragment thereof specifically binds to said protein in a Western blot.

36. (New) The antibody or fragment thereof of claim 27, wherein said antibody or fragment thereof specifically binds to said protein in an ELISA.

37. (New) An isolated antibody or fragment thereof that specifically binds to a protein selected from the group consisting of:

(a) a protein consisting of at least 30 contiguous amino acids as set forth in SEQ ID NO:35 or as encoded by the HCE3C63 cDNA contained in ATCC Deposit No. PTA-909;

(b) a protein consisting of a polypeptide fragment of the amino acid sequence of SEQ ID NO:35 or a polypeptide fragment encoded by the HCE3C63 cDNA contained in ATCC Deposit No. PTA-909; and,

(c) a protein consisting of amino acids 2 to 766 of SEQ ID NO:35.

38. (New) The antibody or fragment thereof of claim 37 that specifically binds protein (a).

39. (New) The antibody or fragment thereof of claim 37 that specifically binds protein (b).

40. (New) The antibody or fragment thereof of claim 37 that specifically binds protein (c).

41. (New) The antibody or fragment thereof of claim 38 that specifically binds protein (c).

42. (New) The antibody or fragment thereof of claim 38, wherein said antibody or fragment thereof is a human antibody.

43. (New) The antibody or fragment thereof of claim 38, wherein said antibody or fragment thereof is a polyclonal antibody.

44. (New) The antibody or fragment thereof of claim 38, wherein said antibody or fragment thereof is a monoclonal antibody.

45. (New) The antibody or fragment thereof of claim 38, which is selected from the group consisting of:

(a) a chimeric antibody;

(b) a humanized antibody;

(c) a single chain antibody; and,

(d) a Fab fragment.

46. (New) The antibody or fragment thereof of claim 38, wherein said antibody or fragment thereof specifically binds to said protein in a Western blot.

47. (New) The antibody or fragment thereof of claim 38, wherein said antibody or fragment thereof specifically binds to said protein in an ELISA.

48. (New) An isolated antibody or fragment thereof that specifically binds a protein produced by a cell culture wherein the cells in said cell culture comprise a polynucleotide encoding amino acids 34 to 766 of SEQ ID NO:35 or a polynucleotide encoding the HCE3C63 polypeptide encoded by the HCE3C63 cDNA contained in ATCC Deposit No. PTA-909, wherein said protein is produced from said polynucleotide.